



2/22

RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 10/054,534
Source: 0186
Date Processed by STIC: 2/15/2002

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/efb/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 01/29/2002



OIKE

RAW SEQUENCE LISTING

DATE: 02/15/2002

PATENT APPLICATION: US/10/054,534

TIME: 15:27:12

Input Set : A:\6763.USP1.TXT

Output Set: N:\CRF3\02152002\J054534.raw

4 <110> APPLICANT: Abbott Laboratories
 5 Mukerji, Pradip
 6 Huang, Yung-Sheng
 7 Das, Tapas
 8 Thurmond, Jennifer M.
 9 Pereira, Suzette L.
 11 <120> TITLE OF INVENTION: DESATURASE GENES AND USES THEREOF
 14 <130> FILE REFERENCE: 6763.US.P1
 C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/054,534
 17 <141> CURRENT FILING DATE: 2002-01-22
 19 <150> PRIOR APPLICATION NUMBER: US 09/769,863
 20 <151> PRIOR FILING DATE: 2001-01-25
 22 <160> NUMBER OF SEQ ID NOS: 55
 24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 42
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Primer R0834
 34 <221> NAME/KEY: misc_feature
 35 <222> LOCATION: (3)...(3)
 36 <223> OTHER INFORMATION: b = g or c or t/u at position 3
 38 <221> NAME/KEY: misc_feature
 39 <222> LOCATION: (6)...(6)
 40 <223> OTHER INFORMATION: y = t/u or c at position 6
 42 <221> NAME/KEY: misc_feature
 43 <222> LOCATION: (9)...(9)
 44 <223> OTHER INFORMATION: y = t/u or c at position 9
 46 <221> NAME/KEY: misc_feature
 47 <222> LOCATION: (12)...(12)
 48 <223> OTHER INFORMATION: b = g or c or t/u at position 12
 50 <221> NAME/KEY: misc_difference
 51 <222> LOCATION: (18)...(18)
 52 <223> OTHER INFORMATION: r = g or a at position 18
 54 <221> NAME/KEY: misc_feature
 55 <222> LOCATION: (24)...(24)
 56 <223> OTHER INFORMATION: b = g or c or t/u at position 24
 58 <221> NAME/KEY: misc_feature
 59 <222> LOCATION: (30)...(30)
 60 <223> OTHER INFORMATION: b = g or c or t/u at position 30
 62 <221> NAME/KEY: misc_feature
 63 <222> LOCATION: (33)...(33)

pp 2,4
 Does Not Comply
 Corrected Diskette Needed

P.2

"y" is at position 30

RAW SEQUENCE LISTING
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DATE: 02/15/2002
TIME: 15:27:12

Input Set : A:\6763.USP1.TXT
Output Set: N:\CRF3\02152002\J054534.raw

64 <223> OTHER INFORMATION: y = t/u or c at position 33
66 <221> NAME/KEY: misc_feature
67 <222> LOCATION: (36)...(36)
68 <223> OTHER INFORMATION: y = t/u or c at position 36 *"b" is at position 36*
70 <221> NAME/KEY: misc_feature
71 <222> LOCATION: (39)...(39)
72 <223> OTHER INFORMATION: h = a or c or t/u at position 39
74 <221> NAME/KEY: misc_feature
75 <222> LOCATION: (42)...(42)
76 <223> OTHER INFORMATION: h = a or c or t/u at position 42
78 <400> SEQUENCE: 1
79 gtbta⁶ygayg tbaccgartg ggtbaagcgy caycc⁴²ghg gh 42
81 <210> SEQ ID NO: 2
82 <211> LENGTH: 45
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Forward Primer R0835
89 <221> NAME/KEY: misc_feature
90 <222> LOCATION: (3)...(3)
91 <223> OTHER INFORMATION: h = a or c or t/u at position 3
93 <221> NAME/KEY: misc_feature
94 <222> LOCATION: (6)...(6)
95 <223> OTHER INFORMATION: y = t/u or c at position 6
97 <221> NAME/KEY: misc_feature
98 <222> LOCATION: (12)...(12)
99 <223> OTHER INFORMATION: y = t/u or c at position 12
101 <221> NAME/KEY: misc_feature
102 <222> LOCATION: (27)...(27)
103 <223> OTHER INFORMATION: y = t/u or c at position 27
105 <221> NAME/KEY: misc_feature
106 <222> LOCATION: (33)...(33)
107 <223> OTHER INFORMATION: y = tu or c at position 33
109 <221> NAME/KEY: misc_feature
110 <222> LOCATION: (39)...(39)
111 <223> OTHER INFORMATION: b = g or c or t/u at position 39
113 <221> NAME/KEY: misc_feature
114 <222> LOCATION: (41)...(41)
115 <223> OTHER INFORMATION: y = t/u or c at position 41
117 <221> NAME/KEY: misc_feature
118 <222> LOCATION: (45)...(45)
119 <223> OTHER INFORMATION: y = t/u or c at position 45
121 <400> SEQUENCE: 2
122 gghgcytccg cyaactggtg gaagcaycag cayaacgtbc aycay 45
124 <210> SEQ ID NO: 3
125 <211> LENGTH: 45
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:

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Output Set: N:\CRF3\02152002\J054534.raw

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130 <223> OTHER INFORMATION: Reverse Primer R0836
132 <221> NAME/KEY: misc_feature
133 <222> LOCATION: (1)...(1)
134 <223> OTHER INFORMATION: r = g or a at position 1
136 <221> NAME/KEY: misc_feature
137 <222> LOCATION: (4)...(4)
138 <223> OTHER INFORMATION: r = g or a at position 4
140 <221> NAME/KEY: misc_feature
141 <222> LOCATION: (7)...(7)
142 <223> OTHER INFORMATION: v = a or g or c at position 7
144 <221> NAME/KEY: misc_feature
145 <222> LOCATION: (13)...(13)
146 <223> OTHER INFORMATION: r = g or a at position 13
148 <221> NAME/KEY: misc_feature
149 <222> LOCATION: (19)...(19)
150 <223> OTHER INFORMATION: r = g or a at position 19
152 <221> NAME/KEY: misc_feature
153 <222> LOCATION: (34)...(34)
154 <223> OTHER INFORMATION: r = g or a at position 34
156 <221> NAME/KEY: misc_feature
157 <222> LOCATION: (40)...(40)
158 <223> OTHER INFORMATION: r = g or a at position 40
160 <221> NAME/KEY: misc_feature
161 <222> LOCATION: (43)...(43)
162 <223> OTHER INFORMATION: d = a or g or t/u at position 43
164 <400> SEQUENCE: 3
165 ttgtrtgvacg ttrtgctgrt gcttcacca gtrrgcggar gdcac 45
167 <210> SEQ ID NO: 4
168 <211> LENGTH: 36
169 <212> TYPE: DNA
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Reverse Primer R0838
175 <221> NAME/KEY: misc_feature
176 <222> LOCATION: (6)...(6)
177 <223> OTHER INFORMATION: r = g or a at position 6
179 <221> NAME/KEY: misc_feature
180 <222> LOCATION: (12)...(12)
181 <223> OTHER INFORMATION: r = g or a at position 12
183 <221> NAME/KEY: misc_feature
184 <222> LOCATION: (15)...(15)
185 <223> OTHER INFORMATION: y = t/u or c at position 15
187 <221> NAME/KEY: misc_feature
188 <222> LOCATION: (18)...(18)
189 <223> OTHER INFORMATION: r = g or a at position 18
191 <221> NAME/KEY: misc_feature
192 <222> LOCATION: (21)...(21)
193 <223> OTHER INFORMATION: r = g or a at position 21
195 <221> NAME/KEY: misc_feature

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Input Set : A:\6763.USP1.TXT

Output Set: N:\CRF3\02152002\J054534.raw

196 <222> LOCATION: (24)...(24)
 197 <223> OTHER INFORMATION: s = g or c at position 24
 199 <221> NAME/KEY: misc_feature
 200 <222> LOCATION: (27)...(27)
 201 <223> OTHER INFORMATION: r = g or a at position 27
 203 <221> NAME/KEY: misc_feature
 204 <222> LOCATION: (30)...(30)
 205 <223> OTHER INFORMATION: v = a or g or c at position 30
 207 <400> SEQUENCE: 4
 208 ttgatrgtct arctygttgt rgasaarggv tggtag 36
 210 <210> SEQ ID NO: 5
 211 <211> LENGTH: 24
 212 <212> TYPE: DNA
 213 <213> ORGANISM: Artificial Sequence
 215 <220> FEATURE:
 216 <223> OTHER INFORMATION: Primer R0753
 218 <221> NAME/KEY: misc_feature
 219 <222> LOCATION: (10)...(10)
 220 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown, or other at
 221 position 10
 223 <221> NAME/KEY: misc_feature
 224 <222> LOCATION: (13)...(13)
 225 <223> OTHER INFORMATION: r = g or a at position 13
 227 <221> NAME/KEY: misc_feature
 228 <222> LOCATION: (16)...(16)
 229 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown, or other at
 230 position 16
 232 <221> NAME/KEY: misc_feature
 233 <222> LOCATION: (18)...(19)
 234 <223> OTHER INFORMATION: r = g or a at positions 18-19
 236 <221> NAME/KEY: misc_feature
 237 <222> LOCATION: (22)...(22)
 238 <223> OTHER INFORMATION: r = g or a at position 22
 240 <400> SEQUENCE: 5,
 WA-> 241 catcatcatn ggraanarrt grtg 24
 243 <210> SEQ ID NO: 6
 244 <211> LENGTH: 30
 245 <212> TYPE: DNA
 246 <213> ORGANISM: Artificial Sequence
 248 <220> FEATURE:
 249 <223> OTHER INFORMATION: Primer R0754
 251 <221> NAME/KEY: misc_feature
 252 <222> LOCATION: (15)...(15)
 253 <223> OTHER INFORMATION: y = t/u or c at position 15
 255 <221> NAME/KEY: misc_feature
 256 <222> LOCATION: (18)...(18)
 257 <223> OTHER INFORMATION: y = t/u or c at position 19 18
 259 <221> NAME/KEY: misc_feature
 260 <222> LOCATION: (21)...(21)

RAW SEQUENCE LISTING

DATE: 02/15/2002

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Input Set : A:\6763.USP1.TXT

Output Set: N:\CRF3\02152002\J054534.raw

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261 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown, or other at
262     position 21
264 <221> NAME/KEY: misc_feature
265 <222> LOCATION: (24)...(24)
266 <223> OTHER INFORMATION: y = t/u or c at position 24
268 <221> NAME/KEY: misc_feature
269 <222> LOCATION: (27)...(27)
270 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown, or other at
271     position 27
273 <221> NAME/KEY: misc_feature
274 <222> LOCATION: (30)...(30)
275 <223> OTHER INFORMATION: y = t/u or c at position 30
277 <400> SEQUENCE: 6
W--> 278 ctactactac tacaycayac ntayacnaay 30
280 <210> SEQ ID NO: 7
281 <211> LENGTH: 29
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Primer RO923
288 <400> SEQUENCE: 7
289 cgggtgcagtg gtggaagaac aagcacaac 29
291 <210> SEQ ID NO: 8
292 <211> LENGTH: 30
293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: Primer RO899
299 <400> SEQUENCE: 8
300 agcggataac aatttcacac aggaaacagc 30
302 <210> SEQ ID NO: 9
303 <211> LENGTH: 30
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Primer RO939
310 <400> SEQUENCE: 9
311 cgtagtactg ctcgaggagc ttgagcgccg 30
313 <210> SEQ ID NO: 10
314 <211> LENGTH: 31
315 <212> TYPE: DNA
316 <213> ORGANISM: Artificial Sequence
318 <220> FEATURE:
319 <223> OTHER INFORMATION: Primer RO898
321 <400> SEQUENCE: 10
322 cccagtcacg acgttgtaaa acgacggcca g 31
324 <210> SEQ ID NO: 11
325 <211> LENGTH: 45
326 <212> TYPE: DNA

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VERIFICATION SUMMARY

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Input Set : A:\6763.USP1.TXT

Output Set: N:\CRF3\02152002\J054534.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application Number
L:241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6